# Transcript of Proceedings

UNITED STATES DEPARTMENT OF ENERGY NATIONAL PETROLEUM COUNCIL

EIGHTY-FIRST MEETING

Washington, D.C.

April 16, 1981

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Official Reporters 1411 K Street, N.W. Washington, D. C. 20005 [202] 628-4888

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# PROCEEDINGS

CHAIRMAN MURPHY: Ladies and gentlemen, the 81st meeting of the National Petroleum Council will please come to order. You have before you a copy of today's agenda, and the first item of business is to establish for the record the attendance this morning.

Without objection, we will dispense with calling of the roll, and rely on the check-in procedure at the entrance.

Any member or proxies who have not made their presence known with the ladies at the gate, please do so as you depart. I will introduce the people at the head table this morning, all of whom will have roles, to some degree, other than our Co-Chairman and Guest of Honor, who will come last here as he has remarks for us.

To my far left is Al Whitehouse, Chairman of Standard of Ohio, and the Chairman of one of our important study committees, Environmental Conservation, from whom we will hear a report later.

The Honorable Carl W. Guidice, Deputy Assistant Secretary for Fossil Energy on my far right is the gentleman most well-known to our Executive Director, Marshall Nichols.

Next to him is Bart House, Acting Assistant Secretary for Environment and who has served as the

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Government Co-Chairman on the Emergency Preparedness Committee.

Then Cliff Garvin, Chairman of Exxon, and Chairman of NPC's Committee on Emergency Preparedness, who will have a final report to submit for our consideration this morning.

Now we come to the <u>piece</u> <u>de</u> <u>resistance</u>. Our Secretary and Government Co-Chairman of the Council was born in South Carolina in 1927. He received a BS degree in 1950 from the College of Charleston and a DMD from the University of Louisville.

He had active service during World War II, US

Maritime Service, beginning as a seaman and being dis
charged as a Deck Officer. He went back to active duty

with the United States Navy, and retired from the Navy with

the rank of Lieutenant Commander.

He became active in southern and, particularly, South Carolina politics and served in the state senate, Chairman of the Republican Committee there, served with distinction as Governor of the state of South Carolina.

And during his service as Governor led the governors in consideration of the role of nuclear energy in the fuel spectrum of our nation. He has served as Chairman of the Southern Governors' Conference.

In the short time that I have had the privilege

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of working with the Secretary, I want to say to the Council, to the press and to the public that I am very encouraged that we have a person who already has his sleeves up, who has developed a grasp of the issues, and with whom we can work in a most constructive way.

Ladies and gentlemen, Dr. Edwards, Governor Edwards, Secretary Edwards.

(Applause)

STATEMENT OF HONORABLE JAMES B. EDWARDS, SECRETARY OF ENERGY

SECRETARY EDWARDS: Thank you, Mr. Murphy. appreciate your kind introduction. I am reminded, I saw the sign there, "Honorable". I was reminded that when I first ran for the state senate in South Carolina it was rather shocking after the things you heard said about you in the campaign, all of a sudden you start getting mail to "The Honorable James B. Edwards".

My Democratic friend was there, and I commented on that and I said, "Just a few days ago I was an SOB, and here I am 'The Honorable' all of a sudden." My Democratic colleague said, "You are 'The Honorable', but you are still 'The Honorable SOB' as long as you are a Republican."

(Laughter)

One of my other friends down SECRETARY EDWARDS: there, who is a Democrat, told me a story on several

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occasions. I think he had a message he was trying to deliver to me, but he tells the story of the old fellow on the interstate highway going down the road in his truck, too slow for conditions.

Contrary to the way our Highway Patrol does things, this fellow had been pulled over on the side of the road by a South Carolina Highway Patrolman, and he said, "What's the matter with you, man? You've got a governor on that truck?".

He said, "No, sir, that's fertilizer in the back that you smell."

(Laughter)

SECRETARY EDWARDS: I have to wake you up somehow, but it's a real pleasure to be here this morning, and I appreciate the fine work of the National Petroleum Council, and I welcome your advice and comment as we go forward in developing an effective National Energy Policy.

This Council reflects the best that can occur when government, industry and civic leaders all join together in a cooperative effort to meet our country's needs.

I understand your Final Report on Emergency
Preparedness is to be submitted today, and this is a vitally
important area, and I welcome your study. I am sure it
will prove helpful to me and others in the Department as
we work to develop an effective Emergency Preparedness

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Policy.

I also look forward to receiving interim reports on your two other ongoing studies, that is, your Arctic Oil and Gas Resources Study and the Environmental Conservation Study.

Each of these examines major issues and questions that we must answer if we are to move ahead in our efforts to gain national energy security.

These studies are typical of the fine work this

Council has done on behalf of the petroleum industry in our

nation during its 34-year history. No advisory group in

Washington has worked harder or more effectively to help

solve the nation's energy problems.

And I want to thank you and endorse your continued good efforts. President Reagan made a pledge to the American people during the campaign. He reminded us that we are a people of ingenuity and initiative, people who, through hard work and determination, extended a few small colonies into a great nation that spanned a continent.

A nation that offered progress and prosperity to all who came and worked and persevered. Somehow along the way, however, government grew ever larger, intruding into our free market economy and into our businesses and industries.

Initiative was held in check by too many

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regulations, incentives were eroded by a tax system that seems to penalize success.

President Reagan pledged to stop this, to reduce federal spending and to reduce federal taxes and reduce federal rules and regulations. The President committed his Administration to a return to a free-market economy, and let the private sector make the decisions, take the risks and enjoy the growth and success that mark a dynamic and competitive market system.

I am privileged to be invited by the President to join his Cabinet, to become a part of his team, to help him carry out this pledge.

I am especially proud of the progress we have made to date. At the Department of Energy we have trimmed \$1.4 million or ten percent from the past Administration's FY '81 budget.

Next year's proposed DOE budget, we are recommending a \$2.7 million cut, or 16 percent. If you remove the Strategic Petroleum Reserves, the nuclear aspects of the budget, and the defense aspects of the budget, that means we have reduced the balance of the budget by 49 percent.

And I think that's a pretty good start for the first 90 days.

(Applause)

SECRETARY EDWARDS: In defense, the increase

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is \$2 billion for FY '82, and I think you will all agree that that's absolutely necessary.

In addition to these budget actions we have streamlined the organizational structure within the Department, and we are reducing the reach of its regulatory arm. You may be sure that we will continue to make every effort to do a better job at less cost to the taxpayers and less burden to the industry.

One of this Administration's first actions upon taking office was to decontrol oil. The decontrolled prices can seek a natural market level. Industry will have the incentive to seek new and additional resources and now our federal monitoring structuring can be dismantled.

This will reduce by 700,000 hours, burden hours, the amount of time industry and government spends each year on government paperwork alone.

We have a comprehensive study now in progress concerning natural gas deregulation. As you know, this is a very complex issue, and when the study is complete in a few weeks we will have a solid basis on which to make decisions about the pace and impact of deregulation of natural gas.

We are also moving ahead in other energy areas, in coal, nuclear, synfuels and renewables. We are an energy-rich nation, and we must begin immediately to

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develop our resources in an expeditious and orderly way.

Domestic oil production should increase somewhat during this decade, reversing the decline in experience throughout the seventies. The projections for natural gas production, however, are more uncertain.

And that is why we must look to Alaskan development, to off-shore development, to synfuels, to every area where we have potential energy supply.

If there is one thing I have learned since I have been on the Washington scene it is that none of you can tell me how much is out there. If anyone wants to volunteer, I want to see you immediately after this session.

I found out there is a lot of disagreement in that area, but I guess that's one of the exciting things about this particular area we are working in. As you know, Secretary of Interior Watt and I last week announced the acceleration of the Administration's off-shore oil and gas leasing program.

And, specifically, the sale in May of leases in the Santa Maria Basin off California. We must inventory our energy supplies; we must reduce our nation's vulnerability to foreign oil supply disruptions.

We will, of course, do this with all necessary concern for environmental safeguards, and the preservation of America's natural beauty and bounty.

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Our streams, our forests, our mountains are a part of this legacy to our children, but so are our prosperity, peace and national security. We can have all of these. It requires a balance of national needs, and a cooperative spirit among all of our people.

Groups like yours contribute enormously to this effort. Again, let me say that I commend you, and I look forward to our continued close cooperation and consultation and I look forward to really getting to know you all and becoming your friend in the weeks and months ahead.

Thank you very much and, Mr. Murphy, I will be glad to respond to any questions anyone has at this time. Thank you.

(Applause)

CHAIRMAN MURPHY: Thank you, Mr. Secretary, and if you will just be comfortable here, the Secretary has offered, as you just heard, to engage in discussion with members of the Council.

Who wishes to be first?

VOICE: Mr. Secretary, in your report this morning you indicated that the SPR was in your budget, and I commend you for that, and I trust the Administration's policy as originally announced in its budget program will remain intact.

We certainly want to give you our support on that

score.

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SECRETARY EDWARDS: Thank you. I feel the way you do. I feel that the Strategic Petroleum Reserve is absolutely essential, just as our military emergency preparedness part.

It is absolutely essential, and there are games being played over on the Hill with this part of it. I don't care how they fund it, as long as it is filled when it's all over.

Whether it is off-budget funding or direct funding or some other grade or method of funding or filling it, and we are working on some of these things that may work out, where we won't have the burden of the necessary cost and still be able to fill the reserve.

It is absolutely essential, I feel, to the security of this nation, and I appreciate your support on it.

CHAIRMAN MURPHY: Mr. Secretary, I think you laid it before them in such a way that you have answered most of the questions.

SECRETARY EDWARDS: You are not as tough on me as the press is.

CHAIRMAN MURPHY: The Secretary has indicated that he would like to stay at least through the Emergency Preparedness Committee report, and then someone will be plucking his elbow to get him out.

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We understand it is because of your schedule.

Ladies and gentlemen, years ago in French West Africa I

asked an old ivory hunter why he used a 41 caliber rifle,
and he gave me a hard stare and said, "Because they don't

make none bigger."

(Laughter)

CHAIRMAN MURPHY: Now when the Chairman of the Appointments Committee and I began to develop our rosters of leadership and membership to carry out the studies that had been requested by the previous Secretary, it seemed to us that a man who led the biggest company in the business, who handles more raw materials, more products than many of us put together, and that within a setting of the world's logistical system was the man, backed by the staff, to undertake the important study that has been requested of the Council.

Mr. C.C. Garvin, Chairman of Exxon, and Chairman of our Study Committee in response to the request to look into emergency preparedness in this great nation.

Mr. Garvin.

STATEMENT OF C.C. GARVIN, JR., CHAIRMAN, COMMITTEE
ON EMERGENCY PREPAREDNESS

MR. GARVIN: Thank you, Charlie, and good morning, ladies and gentlemen. Charlie, when you approached me about chairing this thing, I did not do the normal thing that

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I normally do.

I would usually consult with my staff. I didn't do it in this case, because I knew they would tell me not to do it. I should have consulted with them.

(Laughter)

MR. GARVIN: I will ask you to bear with me a bit this morning. This subject is one that I cannot assume that all of you have read this document that we have put in front of you and that has been sent to you.

There is much meat in it, and so I propose to make what will probably be a bit more lengthy comments than normal to try to put in focus just what it is that this collective group of people who have worked so hard have tried to accomplish.

As Charlie has indicated, our purpose is to consider for transmittal to Dr. Edwards the draft report as modified and approved by the Committee on Emergency Preparedness at its meeting on March 10th.

In developing this proposal, attention has been given to a wide spectrum of views, both within and without the petroleum industry. I cannot say enough for our feeling that these contributions are greatly -- gratefully acknowledged.

Whether they have been accepted or not, they have been debated. The Committee's proposal outlines a general

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approach to defending our nation against the consequences of foreign petroleum supply interruptions.

It should not be interpreted as a step-by-step cookbook to reducing or eliminating our vulnerability. With the world petroleum situation changing as rapidly as it does, specifics devised today would be of doubtful importance to tomorrow's situation.

Thus, the report recognizes the need to establish a continuing system of emergency planning that would allow us to come quickly to grips with problems as they arise.

It is clear that ample emergency oil stockpiles are an important means of deterring oil import disruptions and reducing their impact. US energy policy, as we discussed briefly here, should continue to give priority to building publicly-owned stocks in the Strategic Petroleum Reserve, as recommended by the NPC in 1975.

Of course, there have been many other studies since then that have confirmed its value as a cost-effective means of cushioning the economic losses from supply distruption.

Privately-owned stocks also provide a readily-available buffer against oil import disruptions, but public and private stocks are only one element in responding to oil supply disruptions.

They are certainly not the entire answer. Domestic

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plans for energy emergency must include other important components.

primary among these are measures for effective demand restraint, fuel substitution programs and other measures for assuring that the supplies that are available are used in the most efficient and equitable manner.

Now the Emergency Petroleum Allocation Act of 1973 presently provides our government some of its several authorities to control the price, supply and use of oil in an emergency.

As you know, these authorities -- and EPAA will expire on September 30th of this year --other federal authorities will continue in effect. Congress and the Executive Branch have already begun to study the policy alternatives for emergency preparedness.

A number of key questions are being asked. What degree of importance disruption constitutes a true emergency? What demand and supply management measures should be put on stand-by status for use in an emergency?

What criteria should be used for emergency standby measures to be triggered into action? Or when should they terminate? What system needs to be in place to assure that government is provided the industry expertise and advice that it may need?

All of these are complex and controversial issues.

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The report that we will be considering today faces up to these questions, and attempts to give some light on answers.

Our job here deals with plans our country needs to make to get through in an emergency situation of national proportions.

As such, the report recognizes the hardship situations and equity issues which may result from the disruptive effects of major oil import interruptions.

However, this study and this discussion are not the proper forum for debating industry issues which relate to protective measures in non-emergency situations, regardless of the merits of any of those measures.

The Committee identified, during the course of the study, the broad objectives which it felt should be met by plans to manage import disruptions. They are quite numerous, but they included in this order:

Protect national security and foreign policy interests of this country; protect public health and safety; minimize macro-economic losses; restrain disruptive influences in world oil prices; bolster public confidence and encourage cooperation.

Promote efficient petroleum industry operation; minimize intrusions on national long-term goals; and, last, be made as simple as possible to administer. Now it may not be difficult to agree that these are desirable objectives.

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But we came to recognize that in reality no plan can achieve all of these goals. Conflicts are inevitable, and trade-offs will be necessary. There appears today to be widespread acceptance that competitive markets provide the most efficient allocative mechanisms of resources under non-emergency conditions.

Further, a great number of people whom we consulted with, academicians, consultants and others who provided their views to the Committee, as well as many Committee members themselves expressed strong support for reliance on market mechanisms, even under the most severe import distruptions.

They argued that efficient distribution of resources in a crisis is even more urgent than under normal circumstances.

They also pointed to the distortions that had been experienced under the comprehensive oil price and allocation control systems that we have had in the past. However, while the Committee was not unanimous in reaching its recommendation, the majority view recognized that neither pure market mechanisms, free market mechanisms nor regulatory mechanisms are perfect in real-world circumstances.

And that under emergency conditions either might have serious shortcomings. There was a majority view of the Committee that in an emergency situation economic

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efficiency recommends a persuasive argument for maximum reliance in the competitive market to the extent that experience suggests it is practical.

However, it was also recognized that sudden major interruptions of imported petroleum supplies may, due to the unevenness of the impact, create exceptional hardships for certain regions of the country, and individual consumers and suppliers, which may not be rapidly accommodated by a competitive market adjustment.

The primary concern in the most severe disruption scenario studied was not a theoretical solution, but practical considerations of ensuring that all petroleum consumers have a supplier.

That limited available supplies are handled in a reasonably efficient, effective and equitable manner, and recognition that all would be likely to suffer some hardship and yet still be asked to cooperate with the government for the national good.

However, the measures recommended in the report cannot avoid sacrifices in true emergencies. Some companies would be required to share their oil supplies with others more severely affected by the disruption.

On the other hand, the disadvantaged companies would not be fully protected. Some companies might, in more severe disruptions, be faced with inoperable plants.

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All companies would have certain obligations to maintain continuity in supplying customers. Customers would be faced with paying higher prices, and, obviously, doing with less.

Certainly, government will need to exercise prudence and restraint while under extreme pressure. In a nutshell, the overall approach recommended by the Committee is one of maximum reliance on market mechanisms, coupled with an array of available, flexible and fully constructive emergency stand-by measures so that the Administration will attempt to match and adjust responsible options connected with the ongoing assessment of the severity and nature of the disruption.

Of course, discretionary implementation of emergency measures could lead to their use in minor disruptions or, worse, even in normal fluctuations of markets.

But the Committee felt it would be virtually impossible to define hard trigger mechanisms which adequately anticipated all the many factors that might appropriately enter into future decisions by the President to activate emergency measures.

We have, therefore, proposed the concept of an emergency management process involving both government and the private sector, which requires specific events which neither threatens or causes a sudden disruption in world

oil supplies for activation.

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In addition, before activating emergency procedures, an assessment would be required that such an event would result in severe consequences, such as a threat to national security, significant foreign policy implications or major adverse impacts on the US economy.

While the system would be flexible going into an emergency, explicitly designed termination provisions are recommended. So-called "sunset" mechanisms would specify a limited period of time after which a new Presidential or Congressional finding would be required for continuation of any emergency measures put into effect.

This approach, it seems to us, would give the President adequate flexibility in activating emergency plans while providing reasonable assurances that these measures would not be triggered at inappropriate times.

Or, as in past experiences, become permanent fixtures, even after the emergency is over. The Department of Energy provided the oil import disruption scenarios that we used in the study.

They range in magnitude from a million barrels a day to 4.6 million barrels a day cut-off of oil to this country, and lasting in scope from six to 12 months. We, and the Department, both recognized that it was impossible to capture in a set of paper scenarios all the actual

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complexities which might exist in future emergencies.

However, we did find the scenarios to be a valuable tool in the study. They provided clear points of reference on which to focus discussions, made it possible to quantify the effects of various supply/demand response strategies and to test them for degrees of reasonableness.

It is inadequate to discuss the approach of response strategies in the context of terms like small or large disruptions without providing some clearer guidance as to the order of magnitude.

Therefore, the study recommendations are organized in terms of strategies of import disruptions to the country of up to approximately one million barrels a day, and two million barrels a day and those larger than approximately two to three million barrels per day.

I caution, again, that this matching of disruption magnitude to specific strategies should not be taken too.

literally, because there are, obviously, many factors in addition to size of the cut-off which would be considered by the Administration when they select their response options.

The use of emergency consumption taxes or import fees or coupon rationing is not specifically recommended in the draft report. This is more a matter of the state of existing knowledge of these steps, rather than a

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deliberate choice to foreclose their use.

This draft report acknowledges that consumption taxes, import fees and coupon rationing are potential standby mechanisms for use during severe supply disruptions.

The Committee suggests that these measures require more study by a variety of institutions and individuals before recommendations could be made with confidence. There was some support within the Committee for crude oil import fees and product excise taxes as they offer the opportunity to reduce demand and curb income transfers to producers through market-oriented mechanisms.

Either, however, would likely prove quite sensitive politically, if applied at the time of a disruption.

When the US consumer already feels impacted by rising world oil prices, there might be considerable difficulty in getting Congress to add to that burden.

Crude-oil-exporting nations' reactions might also be a source of concern as it relates to import fees. In a disruption, the appropriate level and timing of the tax to balance supply and demand could be very difficult to determine.

Frequent changes in level may be needed, as circumstances change. Errors in establishing the tax level
could be costly to the economy, and, I suppose, as a very
practical matter, one doubts whether Congress would be likely

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to delegate flexible taxation authority to the President.

If the tax was used to focus the shortfall on gasoline, for example, consumption of that produce might be overly restricted while the nation was foregoing less costly conservation in the consumption of other commodities.

There is also support expressed in the Committee for coupon rationing, as opinion research findings indicate a public perception that rationing is an equitable means of distributing a shortfall.

However, study and practical judgment also indicated that rationing is plagued with problems, such as the time required to implement, the potential for errors in coupon distribution, need for extensive security measures, strain on the US banking system which was conceived to be the administrative group that would handle the flow of coupons, opportunity for counterfeiting.

And, of course, the very costly and burdensome system to implement. A rationing system would be further complicated if accompanied by price allocation controls as provided for in the current stand-by program, as controls may not allow gasoline supplies to follow the flow of coupons in response to changed driving patterns.

Perhaps resulting in the lines at service stations which rationing was advertised as avoiding. For these and

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other reasons, the Committee suggests, as I indicated earlier, further study of rationing and tax options to determine whether these measures might be viable alternatives to the system proposed for severe disruption.

I would like to take a moment now to explain what some of the factors are that motivated the approach that was selected.

While considerable input was received by experts in marketing economics, the subject is certainly not one that can be precisely dealt with, based on hard facts, research and analysis.

The study is neither totally free-market-oriented nor does it call for government intervention until the need is apparent. We have received comments from those who would like to see the report call for greater reliance on a free market, while there are others in the group who are appalled at the potential exposure to competitive market forces contemplated by this study.

However, the study recommendations are based on the judgmental compromise that says that the government's overall strategy for emergency management of oil import disruptions should be to rely to the maximum extent on market mechanisms.

But to have available a variety of emergency stand-by options of increasing severity to deal with the

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problem if it gets out of hand. The demand reduction, fuel switching and supply management, and actions called for in the report, are the types of actions that would be prompted by competitive market forces.

For example, if you looked at the report you would note that in disruptions of one to two million barrels per day, after taking all of the recommended steps, the cumulative net shortfall ranges from 60 to 100 million barrels, which was left over to be met by the draw-down of private stocks.

However, in the case of three to four-million-barrel-a-day cut-off, much more severe, cumulative short-falls of 300 million barrels would be left, after taking all of the steps recommended.

This may exceed the total of readily-available private and SPR stocks in the near term, and, thus, supply disruptions in excess of two to three million barrels a day were judged to have the potential to strain the fabric elimination.

And in order to alleviate that strain, this report recommends that in cut-offs in excess of two to three million barrels per day, that the government make a Strate-gic Petroleum Reserve crude available to the market, but also have available a limited framework of crude oil distribution and product margin and distribution measures.

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One mechanism that the report does not recommend is reimposition of domestic crude price control. Adherence to a policy of continued market pricing of domestic crude oil during normal as well as disruptive markets offers a number of advantages.

We believe that it maintains the proper signals to consumers and producers, it allows a composite of domestic and imported crude oil prices to clear the market as efficiently as possible.

It supports agreements with other oil-importing governments to refrain from action which subsidizes crude oil imports. It avoids the pressures for cost equalization systems, like the old entitlements system.

It preserves the opportunity for return to normal market conditions in a short time after the cessation of crude oil import disruptions.

Even with sunset provisions, experience has shown that domestic crude oil price controls are extremely difficult to eliminate or phase out after disruption. It is all very obvious, too, that to the extent that domestic crude oil prices rise during a disruption, the crude oil windfall excise tax would direct a substantial percentage of the increase to government.

I would like to conclude with a description of those stand-by mechanisms that the report suggests government

have available for dealing with a more severe supply disruption.

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The study is offering a controversial recommendation that a stand-by crude oil distribution program be established in a severe disruption, to assure distribution of available crude oil among domestic refiners on a common national crude run ratio.

The pricing basis for the crude oil manufacturers among refiners should not provide unwarranted benefits to buyers or sellers. Such a program would provide for a reasonably uniform geographic distribution of available crude oil, and allow each domestic refiner an opportunity to continue serving its customers during the emergency.

In order to enhance operational efficiency, no restrictions on exchanging or processing among refiners is recommended.

We all know that any mandated crude oil distribution program would require an extensive bureaucracy to monitor and maintain the compliance systems necessary for successful operation, and would have the potential for building constituencies against its deactivation.

And, thus, the implementation of a stand-by crude oil distribution program should be taken only after a clear assessment by government that a major disruption has occurred.

We believe the program should include a sunset clause,

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providing for discontinuation within a set period of time, probably three to six months, or something of that nature, when imports resume.

The program should also exclude provisions for distributing initial stocks held by refiners to avoid disincentives to private stock-building. Once refiners are provided reasonable access to crude oil during a severe supply disruption, this report assumes that those refiners should continue serving their customers on a reasonably proportionate basis.

Most jobbers, dealers and large consumers have contracts with their suppliers that would adequately address product distribution concerns in most situations. Even in severe emergencies, many if not most suppliers would assure their customers of continued equitable distribution of available supplies.

But some suppliers might take action, such as contract termination or market withdrawal, that would raise public concern. As a hedge against these concerns during a severe supply disruption, the report recommends that government have available the following steps:

Require the continuation of product supplier/
purchaser relationship for the duration of the disruption.

Designate priority uses. Establish a state set-aside program to provide limited volumes for distribution within each

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state's discretion to cover local situations.

During a severe crude oil supply disruption there is likely to be considerable public concern for downstream, as we say in the industry, windfalls in petroleum manufacturing, distribution and marketing.

This would be most evident immediately following a supply disruption, before crude prices rise sufficiently to clear the market.

These potential public concerns are addressed to a simplified stand-by product margin and limitation program. Such a program could be developed to allow refiners and marketers to continue earning adequate margins while easing public pressure for downstream windfall profits tax.

The combination of federal emergency measures should also be handy in order to preempt any state or local legislation to the extent that they are in conflict.

The Committee, if it recognized anything, recognized that the last word can never be written on a complex subject like this. We knew, as we went along, that in view of the controversial issues, the many different positions people would take, that unanimous support is highly unlikely.

However, we hope that the report will provide a useful point of reference for the public debate which I have indicated has already begun.

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I would like to continue this discussion now by turning a little more of the discussion of the report over to two members of my Coordinating Subcommittee: Jim DeKnight, of Shell, was to have discussed the emergency management steps identified in the study.

But at the last moment Jim could not make it, and his comments will be given by Ed DiCorcia of Exxon. Ed will then be followed by Terry Redmond, of Standard of Indiana, who will briefly outline the recommendations for industry/government cooperation that are covered in the report.

And then Terry, in turn, will be followed again by Ed who will wrap up the presentation by summarizing the emergency supply management recommendations. It seems to me, Charlie, in order to facilitate this discussion within the time set aside this morning, it might be best to let these two gentlemen give their reports.

They are fairly brief. And then we can open the floor to questions.

CHAIRMAN MURPHY: Have them come right up.

MR. DI CORCIA: Thank you, Cliff. As Cliff mentioned, Jim DeKnight of Shell had a conflict with lastminute business commitments and could not make these remarks, so I will read his talk.

The Shell people were very helpful in the study in doing the first pass of the estimation of the various

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demand reduction and fuel substitution steps.

And they brought those to the subcommittee and there was considerable work done on those, to arrive on what is finally in Chapter 2 of the report. As an approach to the subject of demand reduction, the Committee dealt with forecasts of US energy demands.

And what we used were three public forecasts done by Data Resources, EIA Forecasts and S.H. Clark Associates.

There are various other forecasts that have been made public by individual oil companies and other groups that differ somewhat from the average of the three that we did use.

But we believe for the purposes of the study the forecasts provided a sufficient basis for the judgments that were made.

There is an important concept that became clear as we looked at forecasts. If you take the average of the three that we did use in the study for 1985 demand and compare that to the forecast in the 1974 National Petroleum Council's study, you will see that the current forecasts for 1985 demand is 15.6 million barrels a day of crude oil equivalent.

And that is a 25 percent reduction, viewed for 1985, than we saw in 1974. Very clearly, a lot of the easy demand reduction potential has already been achieved, and the task of finding demand reduction potential becomes that

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much more difficult, not only now but then it becomes progressively more difficult as we go forward.

Very clearly, too, as we look at the prospect of higher international energy costs this would be a moving target and probably future studies done at some time later on will again look at this and come up with, perhaps, less than the potential for demand reductions in an emergency.

The approach that was used in terms of demand savings and fuel substitution potential was literally a shopping list.

We put down all the possibilities that we could think of, or that were offered to us, without necessarily identifying those that we particularly favored or did not favor.

We tried to get our arms around all of them. In that list there are some things popular among some groups and very unpopular with others. But I think it is fair to say that there is pain in this aspect of the recommendations for everyone.

As a matter of fact, there is very little good news in this report anywhere for anyone. We are dealing with difficulty for the nation, and for all of its individuals.

Recognizing that, we attempted to identify at least judgmentally some of the impediments to implementation.

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There were various motivations that will help look at the way of demand reduction and fuel switching.

Certainly, there will be a voluntary motivation and this will be highly dependent on the effectiveness of education of the public, public communication, whether we are able through government, through industry and the private sector to give a clear description of the problem that the country is facing, should a shortfall develop.

There is also a price or cost-induced demand reduction, and we did not specifically quantify that impact, because there will always be uncertainty and debate, especially among economists, about the elasticity of demand for various products.

Without question, experience has shown that there is a price/demand elasticity effect, and it will also have an effect on voluntary demand reduction.

Finally, there were certain mandatory measures, certainly not popular. However, we recognized that many might be needed in a severe disruption for both demand reduction and fuel switching.

An assessment of the various options listed in Chapter 2 of your report, we attempted to make a rough judgmental assessment of the difficulty of implementation, difficulty in the physical and economic sense as well, perhaps, as in the political sense.

We identified in the total shopping list which contains about 32 items totaling an estimated volume of demand reduction and fuel switching steps totaling 2.3 million barrels a day.

In the group that we said was relatively minor difficulty, minor relative to the others, that group added up to 1.6 million barrels a day of steps. In the more moderate difficulty category, those added up to 300,000 barrels a day of steps.

And in the major difficulty, there is 300,000 to 350,000 barrels a day worth of steps. If Jim was here he would want to emphasize that number of 2.3 million barrels a day is not a number you can plug into any scenario with confidence, because, as Cliff said, none of these paper studies can adequately anticipate all the factors under a real emergency.

Especially when you are trying to guess how people will behave under crisis conditions. There is a lot of judgment in there, and the precise answer as to what demand reduction can be implemented cannot be known until the steps have actually been tried and put in place.

There is a danger of overestimating what impact these actions can have. But without question we need to face up to the fact that there are some significant reductions in demand that are still possible.

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And there is availability of fuel switching from oil to more plentiful fuels that still exists, especially if there is forthright action by the government and cooperation by the public.

In the process of doing our work, there was considerable discussion of each of the options within the subcommittee and the Committee, and we also talked to a number of endusers, academicians and industry and non-industry associations and got their comments.

During the process of the study changes were made in those studies. Those changes were made in the amount of electricity wheeling and electricity import capability. As we talked to the National Electric Reliability Council and the Edison Institute and others, we lowered the numbers we had originally because we were too optimistic, as a good part of this fuel switching had, in fact, already been accomplished.

Also, the number we had for nuclear power plant licensing and start-up, acceleration, was greatly reduced as we went through a plant-by-plant estimate of what could be switched and what could be saved.

There are a number of caveats that Jim would like to mention. These are individual options, and you can look at each one. These are the best judgments of the people who worked on them, their estimates of the potential savings.

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What will actually be implementable will only be known after some of these steps are tried. Certainly, none of them will be perceived as fair by all, and some will impose unseen costs.

We don't suggest that these come free. As an example, reduced speed limits may adversely affect productivity in the economy. Carpooling is on that list, and a very significant number.

And here we assume that half the drivers who now drive to work alone might be induced in an emergency with sufficient public education and urging to be induced into carpooling.

There is also a significant impact on steps such as banning week-end fuel sales and odd-even plans for auto and light truck fuel sales. And these steps are aimed at reducing leisure or discretionary driving.

You can understand why these steps are categorized in the "Major" to "Difficult" implementation area. There is also significant opportunity for emergency oil-to-gas conversion, and oil-to-coal, some oil to coal, some gas to coal.

That opportunity presents itself primarily in the electricity generation and industrial user area. In conclusion, we believe that demand management can have an important impact on mitigating disruptions.

And we should not lose sight of that fact. We

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talk about X barrels a day of gross cut-off in the US.

That is a gross number. That is the first impact.

However, that net impact on the economy can be significantly reduced and offered by a variety of steps, including demand reduction and fuel substitution.

When we talk about percent in shortfalls, let's think in terms of the net shortfall after we take effective steps rather than the gross number, and that's the whole thrust of this report.

Demand reduction and fuel substitution are important. However, we have to concede that the potential for savings is likely to decrease as we move forward in the future, and as consumers change their energy consumption patterns, much as they have in the last seven to eight years.

The government effort, perhaps both at the federal and state level, is needed to develop public information, public communications capability, and also to remove ahead of time impediments to fuel-switching capability, which we may want to induce in an emergency.

Very importantly, although it can have a significant impact, demand management alone, just as supply management alone will not totally buffer this country from the effect of crude oil supply disruptions.

The Committee's report suggests that all available tools be used to close the gap between supply and demand to

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minimize the net shortfall that -- and then that net shortfall is what is left that would have to be met by more
draconian measures that might include price increases, stock
draw-down, government stock draw-down and other means such
as taxes, import fees or rationing may be considered.

That concludes Jim DeKnight's report, and following your roadmap, we will turn it over to Terry Redmond of Standard of Indiana.

MR. REDMOND: Thank you, Ed. Good morning, ladies and gentlemen. In his letter asking NPC to conduct a study on emergency preparedness, Deputy Secretary John Sawhill specifically drew attention to the question of the organization and method of operation of the industry/government relationship during an emergency.

In response to this, we looked back at the industry government relationship in emergencies from World War II up to the present, and let me share with you a short overview of some of that history.

During World War II, during that emergency, oil products were extremely essential to the war effort. In May of 1941 the Office of Petroleum Coordinator for National Defense was established.

The Secretary of the Interior became that coordinator, and a senior oil company official was named as Deputy Coordinator. Shortly thereafter, in 1942, that Office was

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named the "Petroleum Administration for War", and, the way we do things, we called it PAW. PAW was a government agency, of course, but about 25 percent of its staff was recruited from the oil industry.

And that central staff got up to a total of almost 1400 people at the height of the World War II emergency. Indeed, several of you in this room worked for PAW during that period.

As such, you were full-time government-paid employees; you were not on loan from an oil company. You were not dollar-a-year people. You left your company and went to work for the government.

In addition, PAW made extensive use of committees largely comprised of oil industry experts in various functional areas. All told a total of almost 3000 oil industry people served with PAW or one of its committees during World War II.

During the Korean War, a similar organization was created, and it was called the "Petroleum Administration for Defense" or P-A-D, PAD.

Once again, oil industry experts were recruited to serve with PAD, although this time they made up only approximately 25 percent of PAD's executive and technical staff.

Beyond the matter of how these organizations were set up and staffed, what was it that PAW and PAD did?

Primarily, their tasks were to maximize contribution of the oil industry to the successful prosecution of a war.

They did not set prices; they did not run the gasoline rationing system in place during World War II.

They did not set production targets. They did not set policy.

Rather, they provided technical skills and oil industry operating experience to the job of implementing decisions made by those responsible for running the war.

The oil industry experts brought into PAW and PAD were supervised by government officials.

And careful legal safeguards were installed to be sure their work did not run afoul of antitrust laws. And to the best of my knowledge no charges of impropriety were ever issued.

Coming along in time, during the 1966 Suez crisis and, again, during the 1967 Six-Day War, there were interruptions in the flow of oil. In both of these instances, the government made use of oil industry committees as an agency for industry cooperation and advice.

Neither of these interruptions required a substantial government interference with the normal flow of industry activities.

Coming along again in late 1973, of course, oil supplies were interrupted once again by the Arab oil embargo.

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In this instance, the government decided to impose a broad regulatory control on the oil industry by building onto the price control system that was already in place under the Cost of Living Council.

Reacting, perhaps, to the public attitude of the times, the government did not draw in or use industry expertise in handling the Arab oil embargo situation. As a result, perhaps, the complex system of regulations and operating controls imposed on the oil industry were less than optimal.

They fitted about as poorly as a set of mail-order false teeth, with lots and lots of pinch points and lots and lots of sore points.

It would be redundant to describe for this audience the many counterproductive aspects of those regulations that came into being in late 1973 and early '74. However, we need to keep in mind that America was not at war in 1973.

Policy goals were not aimed at mobilizing and redirecting industry effort for wartime purposes. Rather, policy goals were directed towards economic and political objectives, such as maintaining the viability of specific classes of firms, or deciding which customers should get what quantities of what products at a controlled price.

Therefore, the use and involvement of industry people in these matters may not have been warranted. Well, our brief look at the past indicates that there is no

automatic best way to handle the industry-government relationship in future emergencies.

To that end, then, our study report recommends a flexible approach, centered around the creation of a high-level advisory group to serve at the request and under the quidance of the Secretary of Energy.

This committee would be set up under the Federal Advisory Committee Act. And as such it would necessarily include representatives of a wide spectrum of constituency views.

However, its membership would reflect its primary purpose, which is to provide the government with access to the experience and expertise needed to effectively handle a supply emergency.

This advisory committee, which we could term a senior advisory committee or executive advisory committee, could provide several critical inputs. First, at the pre-emergency planning stage, this committee would be a logical source of comprehensive understanding of the workings of the petroleum industry.

It could advise and counsel on the government's planning proposals for handling an emergency. In addition, through the committee, the government could obtain the assistance of technical advisory groups for the development of specific operational planning procedures.

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Secondly, the committee could be of immense value in helping to assess an emergency. During the difficult period when a potential disruption is developing, its counsel would provide a useful mechanism in assessing the often conflicting and fragmentary data that emerges.

In this regard, it would supplement the various other situation assessments available to the government.

Third, during a supply emergency the committee could evaluate and provide technical guidance in the response options being considered by the government.

It could also advise in the operational implementation of the response options that are chosen. Fourth, the committee could provide information and counsel to the government with respect to the United States' response and the United States' commitments to the IEA.

Lastly, during an emergency, the senior advisory committee would serve as a strong link between government and the industry. If required, it could organize and provide professional and technical advisory groups to assist the DOE in its emergency management effort.

In developing this recommendation for a cooperative industry-government relationship, we also noted the need for a strong and continuous emergency preparedness effort within the government.

We believe that a central government entity,

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charged with the responsibility for developing an array of response options, is essential.

This group need not be large, so much as it needs to be extremely competent. It should report at a high level and have the necessary stature to get the job done. A major supply interruption can be as devastating to the economic and social fabric of this nation as a war.

And preparing for one should be as thorough as preparation for the other. Ladies and gentlemen, that concludes my summary of the NPC's recommended response to the question of industry-government relationships and emergency planning.

The full report before you deals much more extensively with this matter. With that, I would ask Ed DiCorcia to come back and he will add some concluding remarks on emergency supply management.

MR. DI CORCIA: Thank you, Terry.

The emergency supply management course covers areas such as use of security stocks, public and private inventories, emergency oil and gas production, emergency refining operations and emergency logistics operations.

With regard to the SPR, the current plan, as you know, calls for the continued development of the SPR up to an ultimate capacity of 750 to one billion barrels by 1990. The report recommends that the government maintain or

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accelerate this schedule as is prudently feasible.

This report also recognizes the specific problem of oil acquisition, and suggests that the government should continue to secure oil for the Reserve, using a variety of market-oriented techniques when supplies are available in the market.

This report suggests that diversion of SPR fill, that is, oil currently under contract to be delivered to the SPR, that that be considered for diversion for current consumption, and some of the smaller shortfall scenarios that were studied and draw-down of SPR reserves already in place should be considered in the more severe shortfalls.

But to the extent that sufficient reserves are retained for national security, health and safety needs, should the emergency worsen or perpetuate.

Judgmentally, we said that number might be something like 200 million barrels. The decision to draw down the SPR should be made at a high level in the Administration, after careful assessment of the trend of the emergency.

Discontinuation of the SPR draw-down should be automatic, unless extended by an Executive finding. As a matter of methodology, distribution of SPR stocks, if it is accompanied at that moment or preceded by a national crude-sharing program, then to assure fair and equitable access by refiners it is recommended that SPR stocks be distributed

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in the same manner as any crude seller would be under the program.

In the event that SPR stock should be distributed when there is no national crude-sharing program in effect, then a bid system is recommended to assure efficient utilization of limited stocks and avoidance of potential subsidies and abuses.

With regard to privately-held inventories, the report recognizes that the existing inventory system in the United States was designed to move large quantities of oil over large distances, and was not designed to hold oil in static situations.

So the mandating of private inventories to become security stocks, without allowing time for facilities to be built, could have a disruptive effect on the operation of the petroleum distribution system.

To encourage private stock-building, the report suggests that government should avoid disincentives to suppliers and consumers. Such disincentives would include the perceived threat of future price and allocation mechanisms on inventories in the event of a supply disruption.

With regard to emergency oil disruption, the study indicates there could be some additional oil available if called upon in an emergency.

Through a survey of producers, the Committee

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identified approximately 325,000 barrels a day of potential in '81, declining to about 140,000 barrels a day in '85, and that number is dependent upon the success of future discoveries.

Potential supply at these levels of emergency production would be contingent upon timely approval by regulatory agencies to allow increased production over present legal allowables.

And, in some cases, temporary relaxation of conservation and environmental rules, and until permanent facilities can be provided. With regard to emergency gas production, in the demand reduction study I spoke about earlier there was identified additional gas demands from oil-to-gas capability of some 400,000 barrels a day of oil equivalent.

This was primarily in the industrial electrical utility sectors. The Committee assessed that these gas demands can be achieved, and as much as an additional two to 300,000 barrels a day of oil equivalent could be made available, depending on the season of the year and if there was sufficient lead time to effect increased production.

The winter gas surge capacity would require increased withdrawal from underground storage reservoirs,
since there is a peak of gas production normally in the winter.

If there was severe or extended cold weather

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occurring during an emergency disruption, that might preclude maximum fuel switching identified in the study, without some compromise of gas sales in other sectors of the country.

Exceptions under the Fuel Use Act would probably be required to achieve the fuel substitution steps identified. With regard to emergency refining operations, here we lean very heavily on a prior NPC study, refiner flexibility.

In a period of severe shortfall, the amount of excess capacity that would exist just would suggest that the US refiners appear to have adequate processing flexibility to meet a range of what might be desired emergency product slates for the various scenarios studied.

Some lead time might be required to fully accommodate the necessary changes for maximum flexibility. In a severe oil curtailment, of course, it would make -- sense for the whole US refining industry to be operating in sometying like 55 percent of capacity.

So it would probably be desirable, and maybe necessary for there to be selective curtailment of the units, so that other units could be operated at a higher rate of utilization and, thereby, increasing efficiency and saving energy.

That is why the report emphasizes that emergency management plans should not restrict the ability of refiners to make commercial arrangements such as having their crude

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processed so that some units can be shut down and other crudes can operate at a higher level of efficiency.

Efforts by ASTM to develop stand-by emergency specifications for products such as diesel, jet burner fuels were encouraged and some approaches were made to the ASTM to further improve refining flexibility transition during an emergency.

The report details consideration that should be given by government to regulatory procedures, relaxation of sulfur content specifications during an emergency, so that refiners can meet quality requirements of other products by minimizing gasoline consumption.

You realize when gasoline reduction is minimized that reformer rates in hydrogen generation will be reduced and there might not be sufficient hydrogen to do all the sulfurization that the environmental specs require.

Some waivers may be needed, and there needs to be a reasonable response time on those waivers in order that customer product demands can be met more effectively. Relaxation of restrictions in an emergency of the use of octane additives were also identified, and would allow for increased energy savings by refiners.

With regard to emergency logistic plans, the study analyzed the crude and product transportation and storage segments, and here we lean heavier on an earlier NPC study on

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the storage and transportation capability.

The story again is much the same. In an environment of extreme spare capacity, it appears there is lots of flexibility. The major logistics constraint identified as the movement of crude from PAD 5 to PADs 1 and 3.

In the event of a disruption of imports, depending on what is curtailed, it would appear that a redistribution of available supplies from PAD 5 would probably be necessary, and limitations in transportation capability, including limited capacity of the Panama Canal and restrictions on the use of subsidized and foreign-flag tankers could restrain movements that would be required.

These constraints could occur as early as 1982 or '83, even due to potential changes in normal supply and demand patterns.

However, there are a number of commercial pipeline ventures under way in the development stage now, which have — which are designed to relieve those constraints. Generally, the other crude oil logistic systems throughout the US appear to be adequate for all of the disruption cases studied.

With regard to product distribution, no significant bottlenecks were identified in the US product logistic system, and there appears to be adequate flexibility to handle the redistribution of supply patterns resulting from disruptions cases that we studied.

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Cliff, I would just like to take this one opportunity before we turn the report back over to the Council for debate. I wanted to mention to the Council members that the Subcommittee and the Committee got very excellent help and support from the NPC staff.

I wanted to mention that, especially the help that we got from John Guy and Mrs. Pam Dunning and Marshall Nichols and Mrs. Cayforth. We are very grateful and thank you.

MR. GARVIN: Thank you, Ed and thank you, Terry, and that completes the formal presentation, Mr. Chairman. I would like to acknowledge, too, the outstanding contribution of so many people to the Committee.

We do have to note the work done by the Subcommittee under Ed, and the work done by the Department of Energy under Bart House and his staff.

We could not have gotten to where we are without the kinds of efforts they put out. Speaking for the Committee, we are all indebted to all of the people who did all those kinds of tasks in putting this thing together.

I think in conclusion that the full Committee, on balance, believes that the proposed report is responsive to the Secretary's request, and the Committee recommends that it be approved by the National Petroleum Council subject to any final editing that we probably will still have to do.

And I so move in that case, Mr. Chairman.

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CHAIRMAN MURPHY: Does the Chair hear a second?
MR. COLLINS: Second.

CHAIRMAN MURPHY: Ladies and gentlemen, the question before us is, one, whether to accept the report as submitted; two, whether to accept the report with modifications; or, three, whether to reject the report of the Committee.

This is a matter to be decided by the members.

Observers here who represent absent members will be recognized for the purpose of a one-time statement of your principal's point of view, if you wish to make it.

Members of the Subcommittee and the Task Group are here. You have heard two of them, and they are here to answer questions of the members, but not for the purpose of engaging in advocacy or debate.

Comments from the public will be received as the last item on the agenda, and after adjournment we will be available to the press.

The subject is open to discussion. Yes, sir?

MR.COLLINS:President Goss, of the Oil Chemical

and Atomic Workers was unable to be here, and he asked me

to read a very short statement. "I regret being unable to

attend this meeting --"

CHAIRMAN MURPHY: Would you stand so you can be heard, sir? Or come to the mike, if you wish.

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MR. COLLINS: Thank you very much. Robert Goss' statement follows: "I regret being unable to attend this meeting of the National Petroleum Council and to participate directly in the discussion of the important document on Emergency Preparedness.

"As my letter and accompanying documents to

Mr. Murphy were sent last week to all Council members, I

shall be brief. The document called for competitive market

with recycling of windfall profit tax receipts to the public.

"I have three questions which I think should be answered before the draft report is accepted by the Council.

One, How high would market prices for oil products be in the substantial shortfall of crude oil?

"My staff informs me that the price could be as high as \$14 per gallon for gasoline. Two, What information does the Committee have about the practical mechanics of the recycling of tax receipts in case of a severe shortage?

"It seems obvious that any delay in the recycling process could lead to economic disaster. Three, Has the Committee pondered over the possible political consequences to the oil industry if the NPC proposal were adopted and then floundered in an oil disruption?

"Under a market regime, the oil industry would be blamed. In the absence of satisfactory answers to these questions, I think the draft report should be

rejected." Thank you, Mr. Chairman.

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CHAIRMAN MURPHY: Thank you. Mr. Garvin, as the proponent of the report, do you wish to answer this? If you wish, you might call on members of your task force to answer in any detail.

Frank raised three pretty good ques-MR. GARVIN: tions, and they were questions raised in the Committee. The question of how high can prices go. I honestly don't know the answer.

Many economists have done a lot of work on this subject, and the elasticity of demand in sudden situations is difficult to come by. I don't hold any belief that the price would go as high as \$14 a gallon, it seems to me that would not happen.

My guess is the flexibility given to the government, if those kinds of prices were to show up, immediately they would take steps beyond which are outlined in this report to do something about it.

I just don't think that that would be the kind of answer, that's a matter of judgment. On the mechanics of tax receipts, I am, again, less of an expert on this subject. Some of us in the past have recommended that there be an excise tax put on gasoline.

And the controversy over the issue not only if you put an excise tax on it, but how the government would

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handle the proceeds was one that called for an awful lot of debate and controversy.

We are recommending in this report that if excise taxes are to be considered, that appropriate consideration be given by the government group to what is a proper recycling.

I suspect you could get as many opinions in this room as there are people as to what those proceeds ought to be used for. In general, if such a tax were to be put in or in case of the windfall profits tax, which is actually -- which we felt should be targeted back to specific areas of need and demand.

I think Frank has a good point. There probably would be delay in this kind of thing, but that's the way our system works.

On political consequences to the petroleum industry if the thing fails, I don't know. I suspect no matter what kind of plan we recommend here, whether we have gone the route of some of the folks who thought this was not the right way and gone some other way, my guess is that the petroleum industry will suffer the consequences of the public reaction.

And I don't think that that will be good under any circumstances. Nobody in the public likes to be short on their oil supplies, and neither do they like to pay higher prices.

I am not happy with that conclusion, but I suspect that that is the situation we will have to deal with. It is true that the tenor of this report is trying to plead for reasoned judgment on practical approaches to the problem.

It is designed to give, hopefully, a group of very capable and adequate government administrators a whole lot of flexibility about how they might deal with this thing.

It also deals with some principles that we think have been learned by experience. All of the problems

Mr. Goss and Frank have recognized I think will exist. I don't think they are the kinds of things that will keep us from moving ahead with it.

CHAIRMAN MURPHY: Thank you, Mr. Garvin. Yesterday a member, Mr. Yancey, informed me that he wished to submit some minority views, but I suppose he wants them to become majority views.

We made an attempt to have his documentation available, and I'm not sure that it got to the members early on. Did it? Mr. Yancey, do you wish to be recognized?

MR. YANCEY: Yes, Mr. Chairman. First, I want to say that my staff and myself have gone through this report completely. The staff has provided us with interim reports, and the reports you now have have been improved, in our opinion, substantially from where it was.

The overview that was added is a big, new addition

that I think was well worth it. I do have serious problems with the report, and would like to submit a minority view.

The minority view that we have submitted is in your packet, and any one of you members that wish to be added to the list of minority report are welcome to do so. All you have to do is advise Marshall.

The shortcomings I have with the report are there are about four main issues. One is the so-called free, competitive market. The free market was changed to competitive market, and no one can quarrel with a competitive market in normal times.

I want to remind all of you that we don't live in that world today, and it's not a free market. International crude is a political tool, and not a free market situation. And it can be triggered by just about any whim of imagination.

There is no free market, and as far as I'm concerned, I don't think there has been a free market in the oil business for 40 years. Number 2 is the trigger for an allocation program.

I, for one, don't like an allocation program any more than you do, and the IPAA has been criticized, and I think rightly so. But let me remind you that the IPAA performed a masterful task at its inception, until so many biased and other favorite things were put into it.

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It was set up for an emergency, and the emergency disappeared, but the Act continued. And that's the reason for the many things, and all of us in this room, I think, agree that it ought to be discontinued.

But not at its original inception. It did perform the job during the Arab embargo, and did it masterfully. It allocated crude oil so everyone had the same amount of crude. It disputed the price situation, and it was good for the whole United States.

In looking at this report, to suggest not triggering any supply allocation before there is a shortfall of
two million barrels a day, made into three million barrels a
day is a short-sighted viewpoint.

We all know that at the first Arab embargo there was less than a million barrels a day that was interrupted, less than a million. We are talking about in this report not triggering or even starting to trigger an allocation program until there is two million barrels a day.

I want to remind you that the United States is part of the international sharing agreement that is shared with 21 countries. Their trigger is seven percent. I can't for the life of me see how we can get out of step with the rest of the world if the trigger for the International Energy Agency is seven percent.

And this trigger, at two, is something like 16 or

17 percent and three million barrels a day is over 20 percent.

How we can get out of step with the rest of the world when they call on us to share, not having an emergency because the shortfall is less than two million barrels per day, but when the shortfall is seven percent, any other country, I don't understand it.

Number 3 is inventories. I remind you that during the Iranian-Iraqi war there was a shortage, and the price of crude oil went up almost double. Those of us and those companies that did not have crude in the marketplace chased the price up, and OPEC followed, as they have in the past.

It's historic, and it has been plotted out that any time spot crude becomes \$40 a barrel, the posted price of crude follows within three to six months.

And I don't think there is any argument about it. The inventory situation, mind you, during the Iranian-Iraqi war, the inventory of many or most of the major oil companies actually increased, while those of us in the market buying crude oil in the market for \$40 a barrel and \$42.

What I am saying is that inventories are fine, but there should be some mechanism in this report to require the draw-down of those inventories by all, not the building of inventories so that if there is a shortage now it may get 1 |

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I am highly in favor of an advisory committee. I think it's good, and I think it must represent all of the industry in all segments. But I think it must represent all the constituencies.

However, I must remind you that many of you in this room have sat in emergency meetings with the Secretary and even the President, and the first thing we are reminded of when we go to those meetings by lawyers of the Antitrust Department is what we can say.

I can remember a Chairman of the Board of a major oil company saying, "What are we doing here? We can't talk about anything."

What I am saying is if you have an advisory committee, and in this report it says that you do not need any change in antitrust laws, I question that because I have been in these meetings in the past.

The laws have changed since World War II and the Korean war, unfortunately. If industry had been managing some of the emergencies we have had in the past, I think we would have done a hell of a lot better job.

All I am saying is unless the antitrust laws are changed or immunity granted, I don't think the committee will have the freedom to react to whatever emergency there might be.

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As I said, Mr. Chairman, I hate to take a minority view in what I think to be a masterful job that was done quickly and done thoroughly. This report, which probably will be approved, should be analyzed by all of you.

The shortfall that has not been covered, only by suggestion of carpooling and fuel switching and these sort of things -- they include the use of strategic storage fuel.

I can assure you, if strategic storage crude is going in when there is an emergency, they won't be going in long because it won't be available to buy. At the rate we are filling strategic storage, it will take 25 years, unfortunately, unless it gets speeded up some.

That's my report.

CHAIRMAN MURPHY: Mr. Yancey, your views are not only accepted, but they are solicited, and we thank you for them. Mr. Garvin, do you wish to respond?

MR. GARVIN: I don't want to get into debate with my good friend, Robert, about all these points. But there are two or three of them that he made that I feel constrained to say something about.

I am not taking them necessarily in order. The last point Bob made about recommendations in here in terms of antitrust, I happen to share his view. The Committee, when it debated this, if you look at the very narrow role they specified for the advisory group, the conclusion of

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most of the attorneys consulted was that the present antitrust was adequate.

None of us, though, in a practical sense, are too happy. It is my hope and belief that this will be looked at, and I suspect we all seek more recognition in the antitrust field in order to be an adequate provider of the information and services that were spelled out.

So I happen to agree with him, even though the report doesn't go that far. One of the basic issues I take with Robert, I cringe at the suggestion. I know how the international oil market is set, too.

To tell me there is no competition going on in that market today, I have very much difficulty with that.

I guess I have difficulty with the use of his words, that we have not had one for 40 years.

I would have trouble seeing the NPC enforce a statement that states blatantly, as Robert says, that there is no competitive market.

I have trouble with that. On the question of the IEA, let's not take these things too seriously in this sense: the IEA is an international organization, set up some years ago.

The United States is a participating member, and it set some rules back in 1974.

I believe it did set up some kind of trigger mechanism that calls for seven percent. They have approached

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seven percent any number of times and not triggered that thing. It's not effective in the sense of that mechanism.

It is not incumbent upon the President of the United States to honor that trigger. He is a member; he has to find in the case of the United States that there is good reason to go along and support that.

I would hope that we are not getting tied up in words. My understanding of a trigger, they are looking to amend that thing. And there is a study under way in the IEA to find a better and different trigger mechanism.

It needs to recognize the amount of conservation that has taken place in this world, and the number is no longer effective. Again, the idea of flexibility in the system is what we are talking about.

The only other point I think that was brought out in our talks, Bob was right in saying that theoretically we are saying, "Don't do anything until you get this two to three million barrels."

I would like to remind you again that he is dealing with a gross number. The study is full of suggestions and recommendations to the Administrator to take steps to reduce that two to three million barrels a day.

And there are many steps, at least in the short term, that are available to him to reduce that shortage substantially. You should be talking in terms of the net

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shortage, and the net shortage in the early years is not the two to three million barrels.

Again, it is a question of how you see these things or the emphasis. The idea is to build a maximum amount of flexibility for the Administrator, and yet to talk about methods that have been proven.

That is the basic difference I see between Bob and ourselves.

CHAIRMAN MURPHY: Thank you. Ladies and gentlemen, the first person recognized during the discussion period read a statement by Mr. Goss, a member, posing several questions and recommending rejection of the report, if those questions were not satisfactorily answered.

I will now recognize any member, if such there be, who wishes to speak in favor of rejection of the report.

(No response)

CHAIRMAN MURPHY: There being none, we will proceed to consideration of modification of the report. I will now recognize any member who wishes to speak in favor of Mr. Yancey's recommendation for modification of the report.

Let's consider the procedures here. If you wish to amend the report, a motion should be offered for amendment and that will be acted on before we act on the report itself.

If you wish to have a supplemental report or a minority report accepted at the end that would be acted on

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separately after acceptance or rejection of the full report;
Mr. Rosapepe?

MR. ROSAPEPE: A point of inquiry, Mr. Chairman.

My understanding is that what Mr. Yancey is proposing is

the second vehicle. Mr. Yancey was proposing a set of minor—

ity views that would be appended to the report if approved.

I would like to know if my understanding is correct.

CHAIRMAN MURPHY: I read Mr. Yancey's paper, and it is as thorough as time would permit. I think the first part of it really is stating a case. Is it true, Bob, that down towards the end you give the specific recommendations?

I am going to ask Mr. Yancey to return to explain to the Council exactly what it is that he is proposing.

MR. YANCEY: First, I would like to say this: in your report, Appendix F, it says, "Such a program will only be contemplated in the context of a national emergency due to sudden cut-off of two to three million barrels per day."

That says in the appendix that you don't trigger anything, and then you say it's flexible. I say in this report that trigger says you don't trigger anything until two million barrels a day.

MR. GARVIN: The tenor of the thing is flexibility.

MR. YANCEY: I understand that, but the back of the report says you don't trigger; you take it out.

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CHAIRMAN MURPHY: We will get a question of fact answered here.

MR. DI CORCIA: Mr. Yancey, as we conceded on the ninth of April, Appendix F, which is 400 pages back in the report, a revision was not made that should have been made. That would get that sentence and Appendix F consistent with everything in the overview in Chapter 1.

That word should be changed to "normally considered" not "only considered".

MR. YANCEY: I did not know --

MR. GARVIN: I should have made the point.

MR. YANCEY: I did not know you had done that.

 $MR.\ DI\ CORCIA:$  That was an editorial change that would be made.

MR. YANCEY: Mr. Murphy, I indicated that I would like to have this minority report a part of, as was done in other Council reports. One other one that I read recently, that was a minority report, and that was attached to the report, because I think it is important to get these viewpoints in.

But there are some people on the Committee who felt very strongly that some of these issues should be included and not just glossed over as the report does and not address itself to the specific issues.

CHAIRMAN MURPHY: Mr. Yancey is asking that this be

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included in the report itself. I have reviewed the precedents and procedures, and the most recent precedent being the Committee on Transportation, chaired by Mr. Sellers.

There was a minority view included in the body of the report, and that was a view that was considered by the Committee in plenary session and adopted by the Committee itself and the Committee report came before the Council in that form.

Today's situation is unlike that precedent in that the Committee has not considered, or at least has not acted upon the question of whether it would have a minority report.

It is not proper for the Committee to go back into session here so this matter is before the Council. We can have a minority report in the report of the Council, but we have passed the moment where we could have a minority report in the Committee itself.

I suppose, Mr. Yancey, it would be in order for you to move as an amendment that the Council accept -- adopt your minority views as an appendix to the Council's report to the Secretary.

MR. YANCEY: I so move.

CHAIRMAN MURPHY: Is there a second?

MR. ROSAPEPE: Second, Mr. Chairman.

CHAIRMAN MURPHY: We have a motion to amend, and we will vote on the motion to amend before acting.

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Mr. Rosapepe?

MR. ROSAPEPE: I would like to speak to the motion if I could, Mr. Chairman.

CHAIRMAN MURPHY: The matter before the house now is a motion to amend, and it is subject to plenary discus-Mr. Rosapepe? sion.

MR. ROSAPEPE: Where would you like me to go -in general?

(Laughter)

MR. ROSAPEPE: Mr. Chairman and members of the Council, I would like to speak in favor of Mr. Yancey's At the appropriate time I would also like to speak motion. to the report itself, but I will not on this occasion.

As members of this Council know, as Mr. Sellers knows, probably better than anyone else, I am a member of the Council, a consumer member of the Council, and one who is not shy about expressing dissent from the views of those in the industry and outside of the industry.

I think also as members of the Committee particular ly know, I voted to approve and report out of the Committee There were other members of the Committee the full report. who shared many of my views who voted the other way.

The reason I support this motion, Mr. Chairman, is because I believe that while Mr. DiCorcia and Mr. Garvin say it's not the last word, that's correct. It is the best

word to date, and it makes an enormous contribution in this area.

But there are clearly the areas -- I believe there are areas that Mr. Goss of the Oil Workers and Atomic Workers and Mr. Yancey, with Ashland, raise. Those are problems with the report.

They are important issues. They are not the only issues, but they are ones of serious concern, I believe, to the consuming public as well as members of the industry.

For that reason, I intend, while voting to approve the report and support the report, to associate myself with the minority views that Mr. Yancey has submitted, and that I believe the Oil, Chemical and Atomic Workers and other members of the Council intend to associate themselves with.

I think the issues he raises are reasonable ones, and I think they are ones that have fairly widespread -- ones of fairly widespread concern.

And, therefore, are appropriate to be included as a minority report appended to this document. I frankly believe, even if you don't agree with those views, and I know many people here do not agree with those views, that it would be counterproductive in the extreme for the Council to take the position that those views will not be appended to the report.

Not appending to the report will not make any secret

of the fact that there is some disagreement in these areas. I believe it would be the kind of step that, frankly,

Mr. Garvin in the Committee and Mr. DiCorcia in the Subcommittee showed that they have an openness and willingness to let other views in and be heard, and anticipate and acknowledge where there is disagreement.

As far as my views on Mr. Yancey's report itself,
I agree and share his concerns in almost every area, but
typically I don't agree with everything he said.

That is, specifically, in the area of antitrust immunity. I was one of those in the Committee who, frankly, pressed very hard, and I think members of the Committee would agree, that we should not go about suspending the antitrust laws unless we have demonstrated with great particularity why we need to.

I think the discussions of the Committee and Subcommittee make it clear that for the sort of industry involvement the Committee intends that Terry Redmond laid out very
comprehensively and lucidly, there is not the need to reduce
our standard of competition or standard of antitrust protection in the economy.

While I agree with the other sections in

Mr. Yancey's comments, I don't share those views.

Mr. Chairman, I appreciate the opportunity to share these views with the Council.

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CHAIRMAN MURPHY: Thank you, Mr. Rosapepe.

Mr. Rogers, who has been very helpful with the Council

affairs, he is here as an observer for Mr. Fitzsimmons.

Mr. Rogers?

MR. ROGERS: My name is Don Rogers, and I am the alternate for Frank Fitzsimmons, General President of the Teamsters.

We have been serving on this Council for six years now, and I believe the reason we were asked to serve on this Council was to present a view particularly to the workings of the Council that you, yourself, may not have.

You are within the house, so to speak, and we are an outside group, along with others that have come on the Council in recent years. I would like to make a few points about this report.

First, it is a large report. I find myself in agreement with probably 98 percent of the material, and probably the other two percent I would agree if we could just fashion it slightly different.

I think the inclusion of the minority report would be the thing to do. Again, I find myself in agreement for a good deal of that.

The thing that disturbs me is this: we live in a society today that capsulizes everything that happens. When I look at the volume of work involved here, and the expanse

of material that it covers and all of the expertise that it took to put it together, you know and I know that our good friends in the press will reduce it to about 30 seconds of reporting.

And, unfortunately, it may not be the most flattering manner in which they will report those 30 seconds. This comes down to maybe the two percent I am concerned about. It has to do with the business of controlling both price and allocation, and defining when the actual emergency is there.

I think if industry says, "Leave it to us and leave it to the free market activities as the best way to control", I would probably find myself in agreement with that, with the proviso that there has to be a check and balance in that.

Because we are, again, a society of cynics, I don't know where to go, except to the one elected official in this country, and that's the President. I would hope that we would at least suggest that the President be given emergency powers to correct any inefficiencies or anything else that develops in such a situation with the industries controlling a shortage.

We make points about Congress acting, etcetera.

Congress does not act in an emergency, and it can't act in
an emergency, particularly of the grade we are talking about,
a certain percent shortfall, ten percent, 20 percent, etcetera.

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I think we can say, "The industry can do the job", but the industry has to know that if they don't do it, and don't do it well and don't do it to the satisfaction of the country at large, that there is somebody there who says, "Move over; I'm going to come in and we will control this aspect of it."

Rather than the control of a bureaucracy in place to begin with, I would love to see the industry get the whack at handling the problem with the President in the background saying, "Yes, and they will do it or I will step in."

I think it will be necessary, because the public is going to perceive the report as the industry saying, "Let us handle it alone." Unfortunately, I think you, those in the industry, you are not the beneficiaries of a best press.

I come from an organization that knows that, and I want you to know it.

(Laughter)

MR. ROGERS: So I don't think it is so much what is as what is perceived, and that is the political reality we live in, what is perceived by that action. Therefore, it seems to me that if this report also has appended to it the minority report, we are just asking the Secretary of Energy to look at both and realize that there was this difference of opinion and set the record straight, that there is no such thing as one unanimous opinion on anything, particularly

in the oil industry or the Teamsters, for that matter. Thank you very much.

CHAIRMAN MURPHY: Thanks, Mr. Rogers. Mr. Yancey, would you rise and read into the record specifically what it is that we are considering as an amendment here?

MR. YANCEY: Attached to your packet is a report I sent to Charlie Russell enclosing minority report which I planned to submit in opposition to sections of the National Petroleum Council Report on Emergency Preparedness.

I hereby request that the minority report be printed as an addendum to the full Committee report in order that it can be properly considered by the Council. I request that it be included in the packet which has been done for this meeting.

You all have a copy of this, and I would like to have this part of the report and be an addendum.

CHAIRMAN MURPHY: You want the whole matter acted on, including your motion for all of that, verbatim, to be included as an amendment?

MR. YANCEY: Right.

CHAIRMAN MURPHY: It would be a minority report of the Council, not of the Committee. You have that statement before you, and the motion, for better or for worse, is that all five pages of it would constitute the amendment.

Your second wishes to be recognized.

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MR. ROSAPEPE: Is my understanding correct that if this motion is adopted, those members of the Council who wish to sign the report and the minority report and associate themselves with it may do so?

CHAIRMAN MURPHY: Oh, yes, you can vote for or against adoption of the amendment, and then you can vote for or against adoption of the Council's report, whether or not it has been amended, when it comes up for final action.

MR. ROSAPEPE: My point, Mr. Chairman, is that members of the Council can vote for this motion to include Mr. Yancey's minority views as an addendum to the report without necessarily associating themselves with Mr. Yancey's substantive views.

CHAIRMAN MURPHY: Yes, you don't have to give your reasons for voting. You can vote for or against. All right, now, it's clear what is before us. And I would now like to recognize any member who wishes to speak in opposition to the amendment.

MR. ANDERSON: Ouestion.

CHAIRMAN MURPHY: The question has been called.

No one else demanding attention. This is a vote on the amendment. There will be a show of hands and a vote, aye, first for the adoption of the Yancey amendment.

Those in favor, raise your right hands. And alternates are not allowed to vote.

(A show of hands)

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CHAIRMAN MURPHY: Fifteen "ayes". Those who favor rejection of the amendment, raise their right hands.

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(A show of hands)

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MR. NICHOLS: I see 37 hands.

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CHAIRMAN MURPHY: The motion to amend fails, 15

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We will now proceed to action on the Committee re-

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port as submitted. Mr. Rosapepe?

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Mr. Chairman, as I mentioned, I MR. ROSAPEPE:

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voted in Committee to report the full report out, and I did

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so because I believe the report is a tremendous contribution

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to this nation's consideration of these issues.

I would specifically like to call attention to a number of aspects of the report that have not been highlighted in this exchange over these minority views, because I think the report is so thick that it is useful, I think, to call attention to some of the areas.

When we started this study a lot of us had preconceptions and a lot of us had views that, frankly, were changed in the course of these deliberations.

I had the opportunity, maybe alone among members of the Council, to participate in all the deliberations of the Subcommittee. I would like to briefly share with you a couple of thoughts based on that.

Among the questions when we started this study

were, To what extent do we need to reduce environmental standards to manage a crisis? To what extent do we need to suspend the antitrust laws?

To what extent do we need to suspend conflict of interest and ethics laws passed in recent years? To what extent can conservation contribute to managing a shortage?

To what extent can emergency production, how important is inventory management, both to the public and private sectors?

While there were a lot of unanswered questions in this area, and items of debate that you have heard exchanged in the last few minutes, do those questions — I believe this report provides in data, in analysis and in thought by members of the industry, and a few of us not in the industry, some clear answers.

First of all, there is very little advantage to the country in reducing environmental standards during an emergency. The Subcommittee ran the numbers. What can you save through reduction in Clean Air standards?

What can you save through more rapid licensing of nuclear power plants? If you look at the demand management section of the report, you will find it's very little. It is an important element of that to be considered as the debate goes forward this year.

We discussed that question of the antitrust laws. When we started this I believe there were people who

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believed that you could not do much without reducing those competitive standards. The Committee looked at it. The structure they recommended is under the Federal Advisory Committee Act, and that is what this group is.

It does not require suspension of antitrust standards for all of you ladies and gentlemen to participate in this discussion, and it would not, under the Committee's recommendation.

Same things with ethics laws. There are no recommendations in this report that would require the conflict of interest provisions of law to be reduced or modified. What the report does show is the tremendous contribution that can be made to managing a shortage through conservation.

There has been debate about that, but as

Mr. DiCorcia outlined, the Committee's work says that the

numbers are in the millions of barrels a day. You can

argue either way, but it's not peanuts; it is very significant.

And it is an area we need to concentrate on.

Emergency production. A lot of potential there. Inventory
management, some disagreement there. How do you make sure
the inventories are used on the private sector?

The reality is that inventory management in the public and private sector is a key element in this area.

And the report shows why and how. It is for that reason,

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these kinds of real contributions, in my judgment, to this issue that I voted to report the report out of the Committee.

Frankly, why I intended today to vote for adoption of the report, as I said earlier. I must say, frankly, as a result of the vote on Mr. Yancey's motion, which I expected, frankly, to pass, because my experience to date with the Council has indicated a willingness to be open to other points of view.

But the fact that that was defeated, and, frankly, I don't understand why, but I was surprised and shocked that it was, leads me to feel that to be true to my views in this area and the constituencies that I believe I am on this Council to represent, that I say with some sorrow, Mr. Chairman, it is my intention to vote against adoption of the report.

And that should be interpreted as my concern and shock over the fact that the Council was unwilling to allow what I believe are legitimate minority views to be incorporated as a minority report to this document.

Thank you, Mr. Chairman.

CHAIRMAN MURPHY:

Thank you, Mr. Rosapepe. Mr. Rosapepe, a member in good standing, is advocating rejection of the Committee report. I will now recognize any mem-

ber who wishes to advocate adoption of the report.

Does anyone else wish to be heard? Those who favor the motion adopting the report as submitted by the Committee will please raise your right hand.

(A show of hands)

CHAIRMAN MURPHY: Those opposed?

(A show of hands)

CHAIRMAN MURPHY: We have three in opposition, and we didn't take time to count, but it was on the order of 50 or more. Are there any absentions? All right, the report is adopted as the report of the National Petroleum Council to be submitted to the Secretary, and I wish to thank the Council for the careful and almost clerical matter in which it has engaged in these deliberations.

We will now proceed to our Committee reports.

In the glare of the klieg lights shining I lost Bob Anderson.

He has been a member of the Council for more years than either of us like to remember.

But I will recognize him now to give a report of his nominating committee, and then he will stay at the podium and give the report of the Arctic Resources Committee.

Mr. Anderson?

REMARKS OF ROBERT O. ANDERSON, REGARDING NOMINATING
COMMITTEE AND AS CHAIRMAN, ARCTIC OIL AND GAS
RESOURCES COMMITTEE (PROGRESS REPORT)

MR. ANDERSON: Gentlemen. Thank you, Charlie,

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members of the Committee, ladies and gentlemen. The Nominating Committee of the National Petroleum Council met on April 3, 1981 in Denver, and agreed on the following nominations for officers and Chairman and members of the Agenda Appointment Committees of the Council.

Recommended for NPC Chairman, John F. Bookout,
Shell Oil Company; NPC Vice Chairman, Robert Mosbacher,
independent oil and gas producer; for the Agenda Committee
we nominated the following:

Bill Carl, John Carver, Collis Chandler, Eddie Cox, Cliff Garvin, Fred Hartley, John McKinley, Dick O'Shields, John Swearingen, Al Whitehouse and A.V. Jones, with Mr. Jones to serve as Chairman.

For the Appointment Committee we nominated the following: Ralph Bailey, Ted Burtis, Jim Emison, Fred Hamilton, Mary Hudson, Tom Kimball, Jeff Montgomery, Boone Pickens, Jim Rosapepe and Bob Yancey, with Harold Hoopman to serve as member and Chairman.

Mr. Chairman, this completes the report of the Nominating Committee, and I move that the Council elect the foregoing slate for 1981; thank you.

CHAIRMAN MURPHY: Is there a second to the nomination?

VOICE: Second.

CHAIRMAN MURPHY: Do you wish to vote globally or

singly? All right, those who favor the selections let me know by saying "aye".

(Chorus of "aye")

CHAIRMAN MURPHY: Opposed, "No".

(No response)

CHAIRMAN MURPHY: Is Mr. Bookout present? Stand up, John.

(Applause)

CHAIRMAN MURPHY: Stay on your feet and we will recognize your colleague in future affairs here, Mr. Mosbacher. (Applause)

CHAIRMAN MURPHY: It is with considerable relief that I see this done.

(Laughter)

CHAIRMAN MURPHY: But I think the affairs of the Council will be under strong leadership, and I commend your support and cooperation to these gentlemen, just as you have given it so wholeheartedly to me and to my predecessor over these past four years.

We will now turn to the report of the Arctic Resources Committee itself.

MR. ANDERSON: Thank you, Charlie. Ladies and gentlemen, the Arctic Oil and Gas Resources Committee has been actively pursuing its study since Dr. Howard Slack of our company reported in my absence at the December meeting

of the Council.

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You will recall at that time we described the organizational structure that had been established. He defined the function and scope of the Subcommittee and Task Groups, and presented a work schedule and distributed a roster of study participants.

Over these last four months good progress has been made in all phases of the study, and it is fully expected that the schedule which provides for this Committee will be reported and reviewed in final report in October of this year.

During this period, two additional task groups were created to handle functions that had been originally defined as responsibility of the Coordinating Subcommittee.

These new task groups cover jurisdictional issues and economic analysis.

You will find their responsibilities defined in the report included in the hand-out you received this morning.

You will also find an up-to-date roster of all the study participants, and an updated work schedule.

I think if you look these rosters over, you will discover that it comprises one of the largest working groups to ever participate on a Council report, and the broad range of interests almost unusual.

Our seven task groups have each developed

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considerable information in their particular areas, and I am sure you will be interested in some highlights of their efforts.

The jurisdictional issues task group, under the leadership of John Garrett of Gulf has essentially completed its study with the production of maps, defining the outer limits of controversial boundaries. This work is currently being documented with a report in draft form, estimates of the undiscovered oil and gas resources in the Arctic region have been completed by the resource assessment task group with direction from Chairman Bob Schrader of McGarrett and Norton.

This test used the geological basis provided by the United States Geological Survey to develop estimates. Seventeen organizations knowledgeable in the U.S. audit have participated in this assessment, and it is gratifying to me to find that the results corroborated those of the United States Geological Survey and emphasized the significance of our audit resources.

Documentation of the work of the exploration
task group led by Larry Funkhouser of Standard of California
is nearly complete. In addition to describing the unique
aspects of Arctic exploration technology, this task group has
emphasized the constraints to audit the exploration and
development that result from leasing policy and regulatory

action, and is considering a number of recommendations that will expedite audit development programs.

Steve Siebenhausen of Shell chairs the production engineering task force in their study which focuses on the effects of the severe climatic conditions on development and production activities. Particular attention is being given to offshore structures as a means of providing for safe and reliable operations. A draft report of the group's study is currently being developed.

The transportation task group led by Frank Wolfe of Exxon has assembled a preliminary draft of their report.

Alternates in areas have been detailed for the transportation of oil and gas by pipeline or tanker from potential discovery areas to suitable transfer points or pipeline corridors.

Guidelines for environmentally acceptable operations are being developed by the environmental protection task group under the leadership of Bud Scott of Union. In order to assure that full consideration has been given to the concerns of Alaskan residents, a public review of the task force draft report is planned for Anchorage in June.

Detailed identification of constraints resulting

from procedures, regulations and statutes will be a significant

part of this task group's work. Integration of cost factors

into an overall economic analysis is being carried out by

the economics task group under the direction of David Mantor

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Cost information developed by other task groups who represented interests in the Arctic area will be processed by computer programs to establish the economic potential of oil and gas development. So far, the task group has defined the methodology and significant factors and it is weighing detailed costs in operating in areas with other task groups.

Finally, Dr. Howard Slack, Coordinating Subcommittee has given general direction to task groups and will be consolidating their reports into the final draft. Currently a report drafting team is being established to prepare detailed outlines based on overall outline approved by the Subcommittee.

I believe it would be evident from Al Whitehouse's report which follows mine, that our two committees have maintained a close liaison in the audit aspects, and his report will be based to some extent on our study.

As I understand his schedule, it looks like we will both be presenting you with resports for consideration at our November meeting.

Thank you.

If there are any questions, we'll CHAIRMAN MURPHY: be glad to entertain them. This is not an action item, but a progress report.

Any questions for Mr. Anderson?

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Thank you very much, Bob. Obviously, you are well along.

Mr. Armand Hammer, the Chairman of the Appointments Committee and I were considering this again, the third of these studies laid on us is the effect of the environmental considerations and regulations on operations. Al Whitehouse, the Chairman of Sohio, we considered just about Exhibit A. It took him all those years to get the pipeline built to cross Alaska and he finally had to give up and never did get one built to move North Slope crude from the West Coast into the refining centers.

He said, why me, and we put it to him exactly that way.

Al, tell us where you stand.

REMARKS OF ALTON W. WHITEHOUSE, JR., CHAIRMAN,

COMMITTEE ON ENVIRONMENTAL CONSERVATION

MR. WHITEHOUSE: Mr. Chairman, you'll be gratified to know that this report is inoccuous and brief.

(Laughter.)

MR. WHITEHOUSE: As I reported at the last Council meeting, our Committee met last September and agreed upon the scope, organization and timetable for the effort.

We established the normal coordinating subcommittee and five task groups, working in the area of air quality, water quality and land use and hazardous waste and synthetic

fuel.

I am pleased by the progress of the subgroups and I intend to have a meeting of the General Committee on Environmental Conservation in July to review their work to date and to provide direction for completion of the study.

In particular, the Committee will be asked to comment on environmental problems that will be most serious in the time frame of 1980, focusing on the impact of conventional industry operations and on the environment -- operations on the environment as well as the impact of environmental legislation and regulations on industry operations and petroleum supply development.

As Bob indicated, the assessment of environmental impacts on the Arctic is being handled by the environmental protection task group of the Arctic Oil and Gas Resources

Committee in the coordination between the environmental conservation subgroups and the environmental protection task group has been excellent.

We anticipate quite a successful integration of the appropriate portions of the Arctic study and the environmental study. So, to summarize, the study is on schedule. Final draft reports will be considered by the committee in early fall and transmitted to the Council for its reviews shortly thereafter.

CHAIRMAN MURPHY: Thank you, Mr. Whitehouse. Are

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there questions concerning the status of this report, this study?

Members, from the reports we've heard, I think it can be anticipated that a meeting of the Council would be indicated sometime in early December. Of course, the staff will be staying in close touch with the Committee and actual designation of the date would be up to the new Chairman and Secretary Edwards.

But in view of the importance of these reports and the nearness of early December to the holidays, I encourage members to keep it as a slack in the early December schedules.

We will now have the report of the Finance Committee, Mr. Pickens.

STATEMENT OF T. BOONE PICKENS, JR., FINANCE

COMMITTEE, AND AS PRESIDENT AND CHAIRMAN OF THE

BOARD, MESA PETROLEUM COMPANY

MR. PICKENS: Mr. Chairman, Council Members, the Finance Committee met yesterday with Dean McGee as Acting Chairman, to review the financial status of the Council.

To briefly summarize, the Committee reviewed the report of the Council's independent outside auditors, Arthur Young and Company, and examined the 1981 budget. The financial condition of the Council is sound, and accounting and control practices received high marks.

Last December, it was reported to you that the

benefits program for the NPC staff had some weaknesses, especially in the area of a pension plan. The Committee voted to remedy these weaknesses and esatblish an employee thrift plan.

The Committee next reviewed financial requirements for calendar year 1981. At our meeting last December we approved a calendar year '81 operating budget of \$1.8 billion. The Finance Committee still considers that figure appropriate and does not propose any revisions.

The Committee also reviewed its December decision to request member contributions in the amount as last year, \$1.65 million. However, with expected interest and publication income in first quarter behind us, the Committee recommends a 10 percent across the board reduction in contribution requests and the Chairman be authorized to make expenditures from a contingency fund if it becomes necessary.

Thank you, Mr. Chairman. I move that the report of the Finance Committee be adopted by the Council.

CHAIRMAN MURPHY: So seconded.

(Applause.)

CHAIRMAN MURPHY: This shows that the National Petroleum Council, under the leadership of such a gimlet-eyed committee, can go right along with this Administration.

Those who favor adoption of the Finance Committee report, let it be known by saying "aye."

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(Chorus of ayes.)

CHAIRMAN MURPHY: Gentlemen, we go to a sad moment in our proceedings this morning. We have lost a member, who was as distinguished and gentle a person as I have ever known in my life.

His fellow Oklahoman, Dean McGee, will read a resolution in memoriam.

STATEMENT OF D. A. MC GEE, CHAIRMAN, KERR-MC GEE CORPORATION, IN MEMORY OF J.J. SIMMONS, JR.

MR. MC GEE: Mr. Chairman, the members of the National Petroleum Council mark with sorrow the passing on March 24th, 1981, of their distinguished colleague, J. J. Simmons, Jr., at 80 years of age. Born in Saloka, now known as Haskell, Oklahoma, he was graduated in 1919 from the Tuskegee Institute in Tuskegee, Alabama.

Mr. Simmons began his lifelong contribution to the petroleum industry that year as a oil lease broker. For 60 years as a oil producer and drilling contractor, he consistently demonstrated the qualities of judgment, loyalty and integrity.

He was an extremely effective petroleum industry statesman. His professional accomplishments were many, and yet he was an unpretentious man. As founder and president of Simmons Royalty Company, he successfully negotiated oil concessions of over 7 billion acres in Kenya, Nigeria and

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Ghana for a number of American oil companies. In recognition of his expertise, the Chairman of the Interstate Oil Compact Commission appointed Mr. Simmons a member of the Regulatory Practices Committee of the Commission. He was also a member of the Oklahoma Independent Petroleum Association.

His civic contributions were equally distinguished.

He was appointed by the Governor of Oklahoma to the State

Commission on Tourism and Recreation, and served as a member

of the Muskogee Chamber of Commerce and as Vice President of

the Muskogee Housing Authority.

Mr. Simmons was very active in the National
Association for the Advancement of Colored People, having been
past President of the Oklahoma and Muskogee Chapters. He
served on the Board of Trustees of the Ward Chapel Methodist
Church in Muskogee, which was a trustee of Charlotte College
in Little Rock, Arkansas.

He was a dedicated member of the National Petroleum Council, first appointed by the Secretary of Interior in January 1969.

In 1978 he was selected by the Council membership to the Appointments Committee, a duty he performed graciously for three years. He was absent for only four Council meetings held during 11 years of his tenure as a member, and will be missed in future Council deliberations.

Mr. Simmons was a distinguished member of the

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petroleum industry, a fine American and a friend to the National Petroleum Council. Therefore, with sincere admiration for his achievements and contributions, and with a sense of great loss, be it resolved that the deepest sympathy of the members of the National Petroleum Council be extended on this 16th day of April, 1981, to the widow and family of J. J. Simmons, Jr.

It is further resolved that this resolution be entered upon the permanent records of the Council, and that an appropriate copy thereof be delivered to his family as a remembrance of the Council's esteem and deep appreciation.

CHAIRMAN MURPHY: Those who favor adoption of the resolution will please stand.

(Participants standing.)

CHAIRMAN MURPHY: So ordered.

This brings us -- this says that if Members do not have their badges, they have not signed in and you are not in the record. If you want to get paid, check in once again with the ladies.

This brings us to the conclusion, and I said early on that the last matter before adjournment would be recognition by any member of the public who is not a member of the Council who wishes to make a brief statement.

(No response.)

CHAIRMAN MURPHY: There being none, a motion for

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adjournment is in order.

Those who favor adjournement will let it be known by walking out.

(Whereupon, at 11:25 a.m., the meeting was adjourned.)

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DOCKET NUMBER:

REPORTER'S CERTIFICATE

CASE TITLE: National Petroleum Council: Eighty-First Meeting

HEARING DATE: April 16, 1981

LOCATION: Washington, D.C.

I hereby certify that the proceedings and evidence herein are contained fully and accurately on the tapes and notes reported by me at the hearing in the above case before the U.S. Department of Energy, National Petroleum Council and that this is a true and correct transcript of the same.

Date: April 16, 1981

Official Reporter

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